

Title (en)
A pellicle and an assembly of photomask plus pellicle

Title (de)
Pellikel und Anordnung einer Fotomaske plus Pellikel

Title (fr)
Pellicule et ensemble de photomasque avec pellicule

Publication
EP 2796925 A3 20141224 (EN)

Application
EP 14161918 A 20140327

Priority
JP 2013089101 A 20130422

Abstract (en)
[origin: EP2796925A2] A pellicle was well as an assembly of photomask plus pellicle is proposed in which the conventional agglutinant layer which bonds the pellicle to photomask is replaced by male and female screws and elastic body layer; in particular the pellicle frame is screwed to the photomask while the sealing of the space within the pellicle frame is secured by the elastic body layer.

IPC 8 full level
G03F 1/00 (2012.01); **G03F 1/64** (2012.01)

CPC (source: EP US)
G03F 1/22 (2013.01 - US); **G03F 1/62** (2013.01 - US); **G03F 1/64** (2013.01 - EP US); **Y10T 428/24008** (2015.01 - EP US)

Citation (search report)
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• [Y] WO 03010598 A1 20030206 - MICRO LITHOGRAPHY INC [US], et al
• [X] US 2012140199 A1 20120607 - HOTZEL ARTHUR [DE]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2796925 A2 20141029; EP 2796925 A3 20141224; EP 2796925 B1 20201230; CN 104111582 A 20141022; CN 104111582 B 20180605; HK 1198394 A1 20150417; JP 2014211591 A 20141113; JP 5984187 B2 20160906; KR 102188986 B1 20201209; KR 20140126244 A 20141030; TW 201502695 A 20150116; TW I557498 B 20161111; US 2014315122 A1 20141023; US 9389499 B2 20160712

DOCDB simple family (application)
EP 14161918 A 20140327; CN 201410163552 A 20140422; HK 14111930 A 20141125; JP 2013089101 A 20130422; KR 20140041118 A 20140407; TW 103114327 A 20140421; US 201414245689 A 20140404